

1. COMPONENT ANG	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE FEB 12, 2009
3. INSTALLATION AND LOCATION ATLANTIC CITY INTERNATIONAL AIRPORT, NEW JERSEY		4. PROJECT TITLE MUNITIONS ADMINISTRATIVE FACILITY	
5. PROGRAM ELEMENT 55296F	6. CATEGORY CODE 216-642	7. PROJECT NUMBER AQRC059017	8. PROJECT COST(\$000) \$1,700

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
MUNITIONS ADMIN FACILITY	SF	3,550		1,051
MUNITIONS ADMINISTRATIVE AREA	SF	3,550	283	(1,005)
AT/FP MINIMUM REQUIREMENTS	SF	3,550	3	(11)
SDD&EPACT (3%FOR LEED CERT/ENERGY CONSERV)	LS			(35)
SUPPORTING FACILITIES				485
SECURITY LIGHTS/FENCE RELOCATION	LS			(85)
UTILITIES	LS			(150)
PAVEMENTS	LS			(150)
SITE IMPROVEMENTS	LS			(80)
COMMUNICATIONS SUPPORT	LS			(20)
SUBTOTAL				1,536
CONTINGENCY (5%)				77
TOTAL CONTRACT COST				1,613
SUPERVISION, INSPECTION AND OVERHEAD (6%)				97
TOTAL REQUEST				1,710
TOTAL REQUEST (ROUNDED)				1,700

10. Description of Proposed Construction: Concrete foundation with grade beams and slab on grade, masonry exterior walls, structural steel frame, and standing seam metal roof. Interior partitions of gypsum wall board and metal studs. Interior finishes will be acoustic ceiling tile, carpet, vinyl floor tile, solid core wood doors and vinyl wall covering. Provide security lighting tied into existing system, communications support, intrusion detection, fire protection and suppression systems, mechanical systems/ heating, ventilation and air conditioning, direct digital control, and site improvements to include landscaping, sidewalks and curbing along with organizational parking and assorted utility support. The facility shall be constructed to meet all applicable weapons safety regulations.
Air Conditioning: 15 Tons.

11. REQUIREMENT: 3,550 SF ADEQUATE: 0 SF SUBSTANDARD: 1,995 SF
PROJECT: Construct Munitions Administration Facility (Current Mission).
REQUIREMENT: The 177th Fighter Wing (FW) requires a properly sited, adequately sized and configured functional space to support conventional munitions administration, training and maintenance in support of 18-PAA F-16 aircraft. Functional areas include: Administration, Training classroom, CAS B operations, break room, rest rooms and locker rooms and other support spaces.
CURRENT SITUATION: The current facility, building 443, is not properly sized or configured. The administration section of building 443 must be vacated when operations are conducted in the Inspection Bay "A", because the office area does not meet explosive protection criteria. Explosive munitions storage, a munitions maintenance bay and the administration functions are housed in the same facility, in violation of munitions safety criteria. The facility has a maintenance bay, which is adjacent to the administration function and is unusable due to its proximity to the admin function. Munitions personnel are performing Universal Automatic Loading System (UALS) operations along with chaff and flare operations in building 259; this concrete masonry unit (CMU) building was built in the early 1960s and is deteriorated to a point where it is not economically feasible to repair. Water is constantly penetrating the facility's walls freezing in the winter and blowing out the block. This water is also coming through the walls into the electrical room, a potential safety hazard. The construction of the Munitions Admin

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<p>Facility would allow the relocation of what is being done in building 259 to building 243, thus allowing building 259 to be demolished.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Personnel within the administrative areas continue to operate in an unsafe manner. Dispersed operations continue to adversely affect productivity. Capability to train and perform munitions maintenance functions continues to be compromised. Inadequate and poorly configured facilities have a negative affect on the ability of personnel to perform their tasks in a professional and functional manner. Expensive operating costs continue due to poorly insulated and inefficient utility systems. Accept the risk of an unsafe operation.</p> <p><u>ADDITIONAL:</u> This project meets the criteria/scope specified in the Air National Guard Handbook 32-1084, "Facility Requirements" and is in compliance with the base master plan. Force protection requirements have been addressed. The current administration function that will be vacated upon the completion of this project, and will be configured to house the Universal Automated Delivery System (UALS) along with chaff and flare operations, which in turn will permit the demolition of building 259 (1,995 SF). Mission requirements, operational considerations and location are incompatible with use by other components. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05) and Executive Order 13423.</p> <p>MUNITIONS ADMINISTRATIVE AREA 3,550 SF = 330 SM</p>		